

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/008915

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C08F297/08 C08F4/646 C08F2/38

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 763 553 A (MITSUI PETROCHEMICAL INDUSTRIES, LTD; MITSUI CHEMICALS, INC) 19 March 1997 (1997-03-19) page 35 - page 41; examples 3-8 claims 1-4	1-25
X	page 22, line 5	5
X	page 32, lines 6-12	15-17
X	US 2004/044154 A1 (KUO CHI-I ET AL) 4 March 2004 (2004-03-04) claims; examples	1-25
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

29 June 2005

Date of mailing of the international search report

15/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Thomas, D

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/008915

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/034179 A1 (LOVEDAY DONALD R ET AL) 19 February 2004 (2004-02-19) claims example 3 paragraph '0002! paragraph '0011! paragraph '0073! paragraph '0163! paragraph '0164! -----	1-25
X	US 2003/171513 A1 (MAWSON SIMON ET AL) 11 September 2003 (2003-09-11) example 3 -----	1
X	EP 1 197 500 A (MITSUI CHEMICALS, INC) 17 April 2002 (2002-04-17) claims; examples -----	26-34
X	WO 03/022890 A (EXXONMOBIL CHEMICAL PATENTS INC; MINK, ROBERT, I; NOWLIN, THOMAS, E; S) 20 March 2003 (2003-03-20) paragraph '0014! paragraph '0021! claims -----	1-25

# INTERNATIONAL SEARCH REPORT

mation on patent family members

International Application No

PCT/US2005/008915

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0763553	A	19-03-1997	JP 3540412 B2	07-07-2004
			JP 8208782 A	13-08-1996
			JP 8208737 A	13-08-1996
			CA 2187204 A1	15-08-1996
			DE 69602331 D1	10-06-1999
			DE 69602331 T2	14-10-1999
			EP 0763553 A1	19-03-1997
			US 5840808 A	24-11-1998
			CN 1149879 A ,C	14-05-1997
			WO 9624627 A1	15-08-1996
			JP 3535934 B2	07-06-2004
			JP 8277305 A	22-10-1996
US 2004044154	A1	04-03-2004	AU 2003259802 A1	29-03-2004
			CA 2497676 A1	18-03-2004
			EP 1546212 A1	29-06-2005
			WO 2004022607 A1	18-03-2004
			US 2005038210 A1	17-02-2005
			US 2005054799 A1	10-03-2005
US 2004034179	A1	19-02-2004	US 2002052453 A1	02-05-2002
			US 6274684 B1	14-08-2001
			US 2004030070 A1	12-02-2004
			US 2004030066 A1	12-02-2004
			AU 767697 B2	20-11-2003
			AU 4713900 A	08-05-2001
			AU 763705 B2	31-07-2003
			AU 5018400 A	08-05-2001
			BR 0015235 A	31-12-2002
			BR 0015236 A	04-11-2003
			CA 2388137 A1	03-05-2001
			CA 2388145 A1	03-05-2001
			CN 1391585 A	15-01-2003
			CN 1402739 A	12-03-2003
			CZ 20021400 A3	13-11-2002
			CZ 20021402 A3	13-11-2002
			EG 22868 A	30-09-2003
			EP 1226190 A1	31-07-2002
			EP 1242476 A1	25-09-2002
			JP 2003513114 T	08-04-2003
			JP 2003513115 T	08-04-2003
			MX PA02003999 A	23-10-2002
			MX PA02004001 A	23-10-2002
			NO 20021861 A	24-06-2002
			NO 20021862 A	24-06-2002
			PL 355103 A1	05-04-2004
			PL 356716 A1	28-06-2004
			SK 5492002 A3	03-12-2002
			SK 5502002 A3	03-12-2002
			TR 200201767 T2	21-11-2002
			TW 503242 B	21-09-2002
			WO 0130861 A1	03-05-2001
			WO 0130862 A1	03-05-2001
			US 2002123580 A1	05-09-2002
			US 2001044508 A1	22-11-2001
			ZA 200203098 A	18-07-2003
			ZA 200203101 A	30-07-2003

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/008915

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003171513 A1	11-09-2003	US 2002107342 A1	08-08-2002
		US 2005054790 A1	10-03-2005
		AU 1790702 A	18-06-2002
		BR 0116461 A	23-09-2003
		CA 2430197 A1	13-06-2002
		CN 1484655 A	24-03-2004
		CZ 20031553 A3	12-11-2003
		EG 22949 A	13-01-2002
		EP 1349881 A2	08-10-2003
		JP 2004521158 T	15-07-2004
		MX PA03004961 A	02-04-2004
		NO 20032512 A	29-07-2003
		PL 363217 A1	15-11-2004
		SK 6682003 A3	03-02-2004
		TW 538052 B	21-06-2003
		WO 0246246 A2	13-06-2002
		US 2003171512 A1	11-09-2003
		US 2002161141 A1	31-10-2002
		ZA 200304161 A	20-11-2003
EP 1197500 A	17-04-2002	EP 1197500 A1	17-04-2002
		US 2003114623 A1	19-06-2003
		CN 1362972 A ,C	07-08-2002
		WO 0155231 A1	02-08-2001
		US 2005065302 A1	24-03-2005
WO 03022890 A	20-03-2003	BR 0212437 A	17-08-2004
		CA 2460316 A1	20-03-2003
		CN 1564830 A	12-01-2005
		EP 1444272 A1	11-08-2004
		JP 2005502741 T	27-01-2005
		TW 588062 B	21-05-2004
		WO 03022890 A1	20-03-2003
		US 2004242808 A1	02-12-2004